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**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No: 30203/37899

**PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53**

**U.S. Patent and Trademark Office  
Box Patent Application  
P.O. Box 2327  
Arlington, Virginia 22202**

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Roger Frick

Title: OPTICAL SENSOR FOR MEASURING PHYSICAL AND MATERIAL PROPERTIES

**1. Type of Application**


- ☒ This is a new application for a
  - ☒ utility patent.
  - ☐ design patent.
- ☐ This is a continuation-in-part application of prior application no.

**2. Application Papers Enclosed**

- 1 Title Page
- 26 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)
- 9 Page(s) of Claims
- 1 Page(s) of Abstract
- 13 Sheet(s) of Drawings (Figs. 1 to 18)
  - ☐ Formal
  - ☒ Informal
- 0 Page(s) of Sequence Listing

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **November 28, 2001**, in an envelope addressed to the United States Patent and Trademark Office, Box PATENT APPLICATION, P.O. Box 2327, Arlington, VA 22202 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EK657815273US.

  
Richard Zimmermann

8. Method of Payment of Fees

- ☒ Enclosed check in the amount of: \$1,814.00
- ☐ Charge Deposit Account No. 13-2855 in the amount of: \$ \_\_\_\_\_  
A copy of this Transmittal is enclosed.
- ☐ Not enclosed

9. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

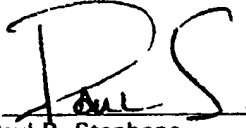
10. Correspondence Address

Customer No.: 04743

Respectfully submitted,

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November 28, 2001